Soil & Tillage Research, 23 (1992) 381–382
Elsevier Science Publishers B.V., Amsterdam

Contents of *Soil and Tillage Research*, Volume 23

Vol. 23 Nos. 1–2 February 1992

Seedbed factors affecting establishment of summer crops in a Vertisol
R. Ferraris (St. Lucia, Qld., Australia) 1
Interaction of tillage and soil type on available water in a corn–wheat–soybean rotation
H.P. Denton (Knoxville, TN, USA) and M.G. Wagger (Raleigh, NC, USA) 27
Cotton yield and nitrogen requirement is modified by crop rotation and tillage method
G.A. Constable, I.J. Rochester and I.G. Daniells (Narrabri, N.S.W., Australia) 41
Changes in soil structure induced by wheel traffic and growth of perennial grass
J.T. Douglas (Penicuik, UK), A.J. Koppi (Sydney, N.S.W., Australia) and C.J. Moran (Canberra, A.C.T., Australia) 61
Effects of mulching on soil properties, growth and yield of plantain on a tropical ultisol in southeastern Nigeria
O.A. Salau, R. Swennen (Port Harcourt, Nigeria) and O.A. Opara-Nadi (Okigwe, Nigeria) 73
Persistence of subsoil compaction from heavy axle loads
S.D. Logsdon (Ames, IA, USA), R.R. Allmaras (St. Paul, MN, USA), W.W. Nelson (Lamberton, MN, USA) and W.B. Voorhees (Morris, MN, USA) 95
Post-emergence, inter-row tillage to enhance infiltration under sprinkler irrigation
D.L. Beck and D.W. DeBoer (Brookings, SD, USA) 111
A mechanistic study of maize emergence through superficial crusts
N. Souty, P. Stengel, C. Rode (Montfavet, France) and R. Tuttobene (Catania, Italy) 125
Quantification of the effect of peat on soil detachment by rainfall
E.T. Ekwue (Cranfield, UK) 141
Effects of cropping on the structural stability of soils rich in organic matter
E. Benito and F. Daiz-Fierros (Santiago de Compostela, Spain) 153
Evaluation of strip tillage systems for corn production in Ontario
T.J. Vyn and B.A. Raimbault (Guelph, Ont., Canada) 163
Wheel-traffic effects on corn as influenced by tillage system
D.W. Reeves, H.H. Rogers, J.A. Droppers, S.A. Prior and J.B. Powell (Auburn, AL, USA) 177

Short Communication
Placement of urea fertilizer under zero and conventional tillage for barley
S.S. Malhi (Lacombe, Alta., Canada) and M. Nyborg (Edmonton, Alta., Canada) 193

Book Reviews
Clay Sedimentology 199
Soils on a Warmer Earth 200

Vol. 23 No. 3 April 1992

Impact of soil management systems on soil structure and physical properties in a clay loam soil, and the simulated effects on water deficits, soil aeration and workability
H.A.J. van Lanen, G.J. Riends, O.H. Boersma and J. Bouma (Wageningen, Netherlands) 203
Earthworm community response to tillage and residue management on different soil types in southern Finland
V. Nuutinen (Jokioinen, Finland) 221
ISTRO-INFO 241

Reading table 309

Vol. 23 No. 4 May 1992

Publisher's Note i

Effects of preplant deep tillage of soil amendments on soil mineral analysis, citrus growth, production and tree health
S. Nemec (Orlando, FL, USA) and O. Lee (St. Cloud, FL, USA) 317
Effects of tillage, weed control method and row spacing on soybean yield and certain soil properties
A.O. Anaele and U.R. Bishnoi (Normal, AL, USA) 333
Structural and hydrological changes in a Vertisol under different fallow management techniques
P.J. Thorburn (Biloela, Qld., Australia) 341
Influence of reduced tillage systems on organic matter, microbial biomass, macro-aggregate distribution and structural stability of the surface soil in a humid climate
M.R. Carter (Charlottetown, P.E.I., Canada) 361

Book Reviews

Soil Erosion on Agricultural Land 373
Humic Substances in Soil and Crop Sciences 375
Radioactive Fallout 377

Author Index 379